

(FILE 'HOME' ENTERED AT 07:56:27 ON 01 OCT 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPIUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPUS, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 07:56:42 ON 01 OCT 2003

SEA BIOREMEDI? AND MICROENFRAC?

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1 FILE BIOSIS  
3 FILE BIOTECHABS  
3 FILE BIOTECHDS  
5 FILE CAPIUS  
3 FILE IFIPAT  
5 FILE TOXCENTER  
5 FILE USPATFULL  
1 FILE USPAT2  
3 FILE WPIDS  
3 FILE WPINDEX

L1 QUE BIOREMEDI? AND MICROENFRAC?

*apply  
own work*

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FILE 'BIOSIS, BIOTECHDS, CAPIUS, IFIPAT, TOXCENTER, USPATFULL, USPAT2'  
ENTERED AT 07:57:35 ON 01 OCT 2003

L2 23 S L1  
L3 9 DUP REM L2 (14 DUPLICATES REMOVED)

=>

# WEST

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## Search Results -

Term	Documents
BIOREMEDIA	1681
BIOREMEDIA	7
MICROENFRACTIONA	9
MICROENFRACTIONA	0
(MICROENFRACTIONA SAME BIOREMEDIA).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	8
(BIOREMEDIA SAME MICROENFRACTIONA).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	8

\* US Patents Full-Text Database  
 \* US Pre-Grant Publication Full-Text Database  
 \* JPO Abstracts Database  
 \* EPO Abstracts Database  
 \* Derwent World Patents Index

**Database:** IBM Technical Disclosure Bulletins

**Search:** L1 Refine Search

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## Search History

**DATE:** Wednesday, October 01, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query  
side by side

Hit Count Set Name  
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

L1 bioremediation same microenfractionation

8 L1

*My own work*

END OF SEARCH HISTORY

WEST

**Search Results - Record(s) 1 through 8 of 8 returned.** 1. Document ID: US 20020182710 A1

L1: Entry 1 of 8

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020182710  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020182710 A1

TITLE: Method for remediating manure-contaminated material and for producing an enriched fertilizer therefrom

PUBLICATION-DATE: December 5, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Horn, Terry Dean	Stevenson	WA	US	
Horn, Ronald D.	Vancouver	WA	US	
Glaze, Bradley S.	Lyons	OR	US	
Warner, Kenneth R.	Canby	OR	US	
Stout, Roy Calvin	Loveland	CO	US	

US-CL-CURRENT: 435/262; 71/21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC
<a href="#">Draw</a>	<a href="#">Desc</a>	<a href="#">Image</a>									

 2. Document ID: US 20020006658 A1

L1: Entry 2 of 8

File: PGPB

Jan 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020006658  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020006658 A1

TITLE: Device for microenfractionating contaminated soil and a method for using the device in the microenfractionation of contaminated material

PUBLICATION-DATE: January 17, 2002

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Horn, Terry Dean	White Salmon	WA	US	
Horn, Ronald Dean	Vancouver	WA	US	
Glaze, Bradley S.	Lyons	OR	US	
Warner, Kenneth R.	Gladstone	OR	US	

US-CL-CURRENT: 435/262.5; 172/540, 405/128.75, 435/299.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KIMC

 3. Document ID: US 6541241 B2

L1: Entry 3 of 8

File: USPT

Apr 1, 2003

US-PAT-NO: 6541241

DOCUMENT-IDENTIFIER: US 6541241 B2

TITLE: Method of using an apparatus containing a paddle for microenfractionating contaminated material

DATE-ISSUED: April 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horn; Terry Dean	White Salmon	WA		
Horn; Ronald Dean	Vancouver	WA		
Glaze; Bradley S.	Lyons	OR		
Warner; Kenneth R.	Gladstone	OR		

US-CL-CURRENT: 435/262.5; 435/243, 435/283.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KIMC

 4. Document ID: US 6306641 B1

L1: Entry 4 of 8

File: USPT

Oct 23, 2001

US-PAT-NO: 6306641

DOCUMENT-IDENTIFIER: US 6306641 B1

TITLE: Method for accelerated remediation of contaminated material

DATE-ISSUED: October 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horn; Terry Dean	White Salmon	WA		
Horn; Ronald Dean	Vancouver	WA		
Glaze; Bradley S.	Lyons	OR		
Warner; Kenneth R.	Gladstone	OR		

US-CL-CURRENT: 435/262.5; 241/1, 241/15, 241/18, 241/195, 241/3, 241/83, 405/128.7,  
435/262

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KIMC

5. Document ID: US 5854061 A

L1: Entry 5 of 8

File: USPT

Dec 29, 1998

US-PAT-NO: 5854061

DOCUMENT-IDENTIFIER: US 5854061 A

TITLE: Method for accelerated chemical and/or biological remediation and method of using an apparatus therefor

DATE-ISSUED: December 29, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horn; Terry Dean	White Salmon	WA		
Horn; Ronald Dean	Vancouver	WA		
Glaze; Bradley S.	Lyons	OR		
Warner; Kenneth R.	Gladstone	OR		

US-CL-CURRENT: 435/262.5; 241/1, 241/18, 241/195, 241/3, 241/5, 241/83, 435/262

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMPC
Draw	Desc	Image								

 6. Document ID: US 5593888 A

L1: Entry 6 of 8

File: USPT

Jan 14, 1997

US-PAT-NO: 5593888

DOCUMENT-IDENTIFIER: US 5593888 A

TITLE: Method for accelerated bioremediation and method of using an apparatus therefor

DATE-ISSUED: January 14, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Glaze; Bradley S.	Lyons	OR		
Warner; Kenneth R.	Gladstone	OR		
Horn; Terry D.	White Salmon	WA		
Horn; Ronald D.	Vancouver	WA		

US-CL-CURRENT: 435/262.5; 241/1, 241/15, 241/195, 241/26, 241/277, 241/5, 241/83,  
241/DIG.38, 366/131, 366/189, 366/325.1, 366/327.1, 366/331, 366/345, 435/262,  
588/203

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMPC
Draw	Desc	Image								

 7. Document ID: CA 2257157 C WO 9803229 A1 AU 9737376 A US 5824541 A EP  
923405 A1 NZ 333130 A AU 724279 B MX 9810784 A1 AU 200072210 A

L1: Entry 7 of 8

File: DWPI

Nov 19, 2002

DERWENT-ACC-NO: 1998-145248

DERWENT-WEEK: 200304

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TITLE: Accelerated bioremediation, e.g., of soils - by entraining contaminated materials in an air stream, microenfractionation of the materials, and treatment with chemical/biological agent

INVENTOR: GLAZE, B S; HORN, R D ; HORN, T D ; WARNER, K R

PRIORITY-DATA: 1996US-0685116 (July 23, 1996), 1992US-0918528 (July 21, 1992), 1993US-0043666 (April 6, 1993), 1994US-0223523 (April 5, 1994), 2000AU-0072210 (December 13, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CA 2257157 C	November 19, 2002	E	000	A62D003/00
WO 9803229 A1	January 29, 1998	E	097	A62D003/00
AU 9737376 A	February 10, 1998		000	A62D003/00
US 5824541 A	October 20, 1998		000	B09B003/00
EP 923405 A1	June 23, 1999	E	000	A62D003/00
NZ 333130 A	June 23, 2000		000	B01F007/00
AU 724279 B	September 14, 2000		000	A62D003/00
MX 9810784 A1	September 1, 1999		000	A62D003/00
AU 200072210 A	March 22, 2001		000	B02C013/02

INT-CL (IPC): A62 D 3/00; B01 F 7/00; B01 F 7/04; B01 F 15/00; B01 F 15/02; B02 C 1/00; B02 C 13/00; B02 C 13/02; B02 C 13/06; B02 C 13/26; B02 C 13/28; B02 C 19/00; B02 C 19/02; B09 B 3/00; B09 C 1/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	<input type="button" value="HOME"/>
Draw Desc	Clip Img	Image								

8. Document ID: CA 2372565 C WO 9425628 A1 AU 9466283 A EP 695369 A1 BR 9405960 A CZ 9502597 A3 JP 08508198 W US 5593888 A NZ 265501 A AU 697852 B CZ 289901 B6 CA 2372565 A1 CA 2159619 C EP 695369 B1 DE 69431245 E

L1: Entry 8 of 8

File: DWPI

Jul 22, 2003

DERWENT-ACC-NO: 1994-358300

DERWENT-WEEK: 200355

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TITLE: Method for accelerated bioremediation - esp of material contaminated with hydrocarbons, heavy metals, nuclear fission products, explosives, etc

INVENTOR: GLAZE, B S; HORN, R D ; HORN, T D ; WARNER, K R

PRIORITY-DATA: 1994US-0223523 (April 5, 1994), 1993US-0043666 (April 6, 1993), 1992US-0918528 (July 21, 1992)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CA 2372565 C	July 22, 2003	E	000	B09C001/00
WO 9425628 A1	November 10, 1994	E	111	C12S013/00
AU 9466283 A	November 21, 1994		000	
EP 695369 A1	February 7, 1996	E	000	
BR 9405960 A	January 30, 1996		000	
CZ 9502597 A3	November 13, 1996		000	
JP 08508198 W	September 3, 1996		077	B09C001/10
US 5593888 A	January 14, 1997		032	A62D003/00
NZ 265501 A	May 27, 1998		000	
AU 697852 B	October 15, 1998		000	
CZ 289901 B6	April 17, 2002		000	B09B003/00
CA 2372565 A1	November 10, 1994	E	000	B09C001/00
CA 2159619 C	June 11, 2002	E	000	C12S013/00
EP 695369 B1	August 28, 2002	E	000	B09C001/10
DE 69431245 E	October 2, 2002		000	B09C001/10

INT-CL (IPC) : A62 D 3/00; B01 F 7/00; B01 F 15/00; B01 F 15/02; B02 C 1/00; B02 C 13/00; B02 C 13/28; B09 B 3/00; B09 C 1/00; B09 C 1/08; B09 C 1/10; C12 S 1/00; C12 S 13/00; C22 B 61/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	
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Term	Documents
BIOREMEDIATION	1681
BIOREMEDIATIONS	7
MICROENFRACTIONATION	9
MICROENFRACTIONATIONS	0
(MICROENFRACTIONATION SAME BIOREMEDIATION).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	8
(BIOREMEDIATION SAME MICROENFRACTIONATION).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	8

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